

# Jacqueline Zhou | Junior Software Engineer

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## SUMMARY

I am a dynamic, self-motivated individual seeking an opportunity to develop my technical skills and put them to practice. I love the rewarding nature of coding and am excited to continue learning, creating, and growing as a junior software developer. From studying biology in university to managing a variety of accounts at a fast-paced, international digital marketing agency, I enjoy solving problems and tackling new challenges.

## SKILLS

- Front-end: JavaScript, React, HTML, CSS, Material UI, Sass, Bootstrap
- Back-end: Python, Django, PostgreSQL, Express.js, Node.js, MongoDB, Mongoose, SQL, Insomnia, TablePlus
- Other: R, RESTful APIs, CRUD APIs, Git, GitHub, npm, yarn, pipenv, Google Analytics

## EDUCATION

**Codecademy Data Structures and Algorithms with Python** 06/2022 - 07/2022

**General Assembly Software Engineering Immersive — London, UK (remote)** 03/2022 - 06/2022

- 500+ hours of applied learning and development across both front-end and back-end development, with daily stand-ups, workshops, and homework, culminating in 4 projects
- Building skills and familiarity with JavaScript, HTML, CSS, the MERN stack, Python, Django, and PostgreSQL

**Harvard CS50 Online Course** 09/2020 - 12/2020

**State University of New York at Geneseo — Bachelor of Science in Biology** 08/2015 - 05/2019

- Relevant coursework: Biological Data Analysis with R, Introduction to Programming with Python

## PROJECTS

**BetterCred (Python, Django, React, JavaScript, Material UI, HTML, Sass, PostgreSQL)** [GitHub](#) | [Live](#)

*Credit card directory that allow users to find and save credit cards that suit their lifestyle needs to a wallet*

- Solo full-stack project creating a RESTful API that consumes a PostgreSQL database for credit cards
- Designed a relational database by first mapping relationships with an ERD, then building out models with Django
- Used React, Sass, and Material UI to develop and style a responsive front-end with dark-mode capability

**Plantpedia (MongoDB, Express.js, React, Node.js, JavaScript, Material UI, HTML, Sass, Mongoose)** [GitHub](#) | [Live](#)

*App designed specifically for plants, allowing users to find and add information about their favorite house plants*

- Group project using Express.js, developing a CRUD API with a MongoDB database for house plants
- Capability for users to login/register, using BCryptJS for password encryption and JWT for authentication
- Implemented add/edit forms, pagination of comments, date sorting for comments, and dark mode capability

**Recipe Finder (React, JavaScript, HTML, Sass)** [GitHub](#) | [Live](#)

*A web app that allows users to find new, exciting recipes by category and save them to their browser*

- Hackathon project that consumes a public API and displays recipes based on category or cuisine types
- Users are able to search by name for recipes, or generate random recipes with the click of a button
- Implemented a favoriting feature that allows users to persist a unique collection of recipes to their local storage, using JSON parse and stringify methods

**Lo-Fi Tetris (JavaScript, HTML, CSS)** [GitHub](#) | [Live](#)

*Tetris clone with a lo-fi-themed twist*

- Solo project built using vanilla JavaScript to create and manipulate DOM elements, allowing users to shift tetronimo pieces left/right, rotate pieces, and clear rows when filled all by altering element classes
- The score and speed increments up as more lines are cleared, with the highest score saved to local storage

## EXPERIENCE

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### **Paid Search Account Manager, Search Laboratory — Brooklyn, NY**

**04/2021 - 03/2022**

- Researched and strategized within cross-channel teams to identify market growth opportunities for clients
- Planned, launched, and managed campaigns across 5 global accounts with monthly budgets between 11k-200k
- Prepared and presented weekly, monthly, and quarterly meetings to key client stakeholders across a variety of B2B and B2C industries (Fintech, eCommerce, SaaS, PaaS)

### **Paid Search Executive, Search Laboratory — Brooklyn, NY**

**10/2019 - 04/2021**

- Audited internal and prospective accounts to identify key areas for growth, pitching findings directly to clients
- Independently working to deliver a range of tasks including market/competitor research, creation and A/B testing of ad copy, keyword research, performance forecasting, and dashboard/report creation

### **Freelance Writer, Beauty News NYC — Remote**

**06/2020 - Present**

- Proactive creation and publishing of 25+ high-quality beauty/lifestyle-related editorial pieces using WordPress
- Establishing and maintaining relationships with various PR agencies and media contacts

### **Laboratory Assistant, State University of New York at Geneseo — Geneseo, NY**

**01/2019 - 05/2019**

- Designed and executed lesson plans, leading and teaching ~20 undergraduate students alongside lab instructor

### **Research Assistant, State University of New York at Geneseo — Geneseo, NY**

**08/2018 - 05/2019**

- Researched, planned, and executed an ecological study on spider-ant dueling behavior, analyzing data with R
- Awarded the 2019 Geneseo Foundation's Undergraduate Research Grant and 3rd place Presentation Winner at the 2019 Northeastern Natural History Conference, attended by 500+ scientists

## INTERESTS

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- I enjoy watercolor painting, figure drawing, and sketching with graphite and charcoal. My favorite subjects to draw at the moment are birds and any unique animals that catch my eye (ig: [@jacqizart](#))
- I am also a big fan of cooking and baking recipes, inspired either from the places I've traveled or the places I'd love to visit some day. I love the heritage and cultural history that we can experience through trying new foods